

Title (en)
Exhaust gas treatment apparatus

Title (de)
Vorrichtung zur Abgasnachbehandlung

Title (fr)
appareil pour traiter un gaz d'échappement

Publication
EP 2095866 A1 20090902 (EN)

Application
EP 09250480 A 20090224

Priority
• JP 2008043281 A 20080225
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Abstract (en)
An exhaust gas treatment apparatus includes a device (A) which is provided in an exhaust system and which selectively reduces NO_x in an exhaust gas and a device (B) which is disposed upstream of the device (A) and which decomposes urea and supplies ammonia as a NO_x reducing gas, the device (B) including a urea decomposition catalyst. The catalyst is [1] a zeolite catalyst which is composed of granular molded bodies including zeolite particles or which includes a catalyst layer composed of zeolite particles disposed on a support, or [2] a honeycomb catalyst or a membranous catalyst in which metal oxide particulates adhere to a conductive honeycomb substrate or netlike support, and the metal oxide particulates are composed of at least one oxide of a metal selected from the group consisting of Na, Mg, Ca, Ba, La, Ce, Ti, Zr, V, Cr, Mo, W, Mn, Zn, Al, Si, P, Sb, Cu, Fe, Ru, Co, and Re.

IPC 8 full level
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CPC (source: EP US)
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C-Set (source: EP US)
B01J 2523/00 + B01J 2523/48 + B01J 2523/845

Citation (applicant)
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